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CASH EXPENDITURES FOR PRODUCTION SUPPLIES AND EQUIPMENT
BY FARM OPERATORS, BY STATES, 1960 (Revised)

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UNITED STATES DEPARTMENT OF AGRICULTURE
Farmer Cooperative Service
Purchasing Division
Farm Supplies Branch

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ESTIMATES OF CASH EXPENDITURES FOR PRODUCTION SUPPLIES AND EQUIPMENT BY FARM
OPERATORS, BY STATES, 1960 (Revised)

The following tables were prepared from basic data on production expenses of farm operators developed by the Farm Income Branch, Economic Research Service, U.S. Department of Agriculture. Such production expenses were presented in preliminary form in the July 19, 1961 issue of The Farm Income Situation, and in revised form in the July 26, 1962 issue of The Farm Income Situation, FIS-187.

In preparing estimates of cash expenditures for production supplies and equipment from these data, estimates of amounts spent for labor or services and other nonsupply items used in farm production were excluded. The totals of such items for the United States are shown in table 2, and the basis for excluding specified items is included in the footnotes to tables 1 and 2.

Although estimates for some items were made from limited data, they were based on the best information currently available and should prove useful in making analyses and determining trends on a State and regional basis.

Table 1.--Estimated Cash Expenditures for Production Supplies and Equipment by Farm Operators,
United States, 1960 (Revised)

Item	1960
	Thousands
Feed, seed, fertilizer and lime:	
Feed 1/.....	\$4,842,100
Seed 2/.....	529,500
Fertilizer and lime 3/.....	1,461,900
Total.....	6,833,500
Repairs and operation of capital items:	
Building materials 4/ (see expenditures for capital items below).....	433,500
Petroleum fuel and oil for motor vehicles 5/.....	1,544,973
Repair parts, tires and batteries for motor vehicles 6/.....	493,395
Repair parts and tires for other farm machinery 7/.....	250,655
Total.....	2,722,523
Miscellaneous operating supplies:	
Miscellaneous hardware 8/.....	166,756
Small hand tools.....	29,629
Containers.....	129,108
Binding materials.....	68,396
Pesticides 9/.....	287,200
Veterinary medicines 10/.....	115,613
Greenhouse and nursery supplies.....	50,099
Dairy supplies 11/.....	52,923
Harness and saddlery.....	8,000
Total.....	907,724
Total current operating supplies and equipment.....	10,463,747
Cash expenditures for capital items: 12/	
Building materials 13/.....	1,122,300
Tractors.....	499,801
Trucks.....	471,380
Automobiles 14/.....	345,220
Other farm machinery and equipment.....	1,272,000
Total capital items.....	3,710,701
Grand total - all supplies and equipment.....	14,174,448

1-14/ See page 2 for footnotes for this table.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture. Excludes estimates of farmers cash expenditures for labor or services and other nonsupply items used in farm production.

Note: Cash expenditures by farmers for services and other nonsupply items were \$11,596 million in 1960 (see table 2). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$25,770 million in 1960. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$26,242 million in 1960.

Cash receipts from farming totaled \$34,012 million in 1960. Cash expenditures for production supplies and equipment, therefore, were equivalent to 41.6 percent of cash farm receipts.

Total cash expenditures for all farm production items, including supplies and services, accounted for 75.8 percent of cash receipts from farming in 1960.

See Farm Income Situation, July 26, 1962, Economic Research Service, U. S. Department of Agriculture.

Footnotes for Table 1

- 1/ Includes feed grains, hay and roughage, and pasture purchased by one farmer from another farmer estimated at perhaps 10 percent of the total. Does not include feed charged to farmers at stock-yards. Definition of feed expenditures in 1959 by Census Bureau on which these were based: "Expenditures on feed purchased for livestock and poultry were to include expenditures for grain, hay, mill-feeds, pasture, salt, condiments, concentrates, and mineral supplements as well as for the grinding and mixing of feed. The estimated cost of items furnished by a landlord, contractor, or other owner for feeding poultry and livestock kept on the farm was also to be included. Payments made by a tenant to his landlord for feed grown on the tenant farm were to be excluded."
- 2/ Includes seed transactions among farmers estimated at 10 percent of total.
- 3/ Includes items similar to those listed in following definition by Census Bureau in 1959 on which these estimates were based: "Fertilizer was to refer only to commercial fertilizer and fertilizing materials, including rock phosphate." No specific mention was made of basic slag. Barnyard manure, straw, refuse materials, and soil conditioners were to be excluded.
- 4/ Includes expenditures only on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total expenditures for repairs and maintenance of farm buildings.
- 5/ Includes only 40 percent of petroleum products used in farm automobiles as amount attributed to farm business use; excludes the remaining 60 percent as amount attributed to farm family living expenditures. Based on definition as used by Census Bureau in 1959: "Expenditures for gasoline and other petroleum fuel and oil were to relate only to the products used in the farm business. They exclude the cost of petroleum products used for the family automobile when operated for other than farm business purposes and of products used in the farmhouse for heating, cooking, and lighting."
- 6/ Includes only 40 percent of total operating costs of farm automobiles as amount attributed to farm business. Excludes labor estimated at 30 percent of repair expenses for automobiles, 33 percent for trucks, and 61 percent for tractors. Also excludes insurance and license fees. Tires, tubes, and tire repair were estimated to be 20 percent of U. S. total expenditures for repair parts, tires, tubes, tire repairs, and batteries.
- 7/ Excludes labor estimated at 43 percent of total repair business.
- 8/ Includes blacksmithing and horseshoeing expense.
- 9/ Pesticides do not contain about \$43 million of livestock sprays and disinfectants. These are included in veterinary medicines and supplies.
- 10/ Excludes veterinary fees of about 30 percent of total expenditures for veterinary services. Includes livestock sprays and disinfectants of about \$43 million.
- 11/ Excludes dairy equipment. It is included with "Other machinery and equipment."
- 12/ Compiled by Farmer Cooperative Service as follows: The ratio of U. S. total farm depreciation and other capital consumption to the U. S. total gross farm capital expenditures was applied to the State data on depreciation and other capital consumption.
- 13/ Includes expenditures for new construction, additions, and major improvements on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing equipment; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total.
- 14/ Includes only 40 percent of expenditures for farm automobiles as amount attributed to farm business.

Table 2.--Estimated Cash Expenditures for Services and Other Nonsupply Production Items by Farm Operators, United States, 1960 (Revised)

Item	1960
	Thousands
Livestock, labor, taxes, interest, and rent:	
Livestock purchased.....	\$2,528,000
Hired labor <u>1/</u>	2,523,000
Taxes on farm property.....	1,549,000
Interest on farm mortgage debt.....	636,000
Net rent to nonfarm landlords..... <u>2/</u>	<u>1,021,000</u>
Total.....	8,257,000
Miscellaneous current operating expenses:	
Fire, wind, and crop hail insurance.....	177,511
Veterinary fees <u>3/</u>	49,549
Hired hauling of milk.....	184,770
Ginning.....	219,967
Crop insurance - FCIC.....	9,021
Tolls for sugar cane and sorgo syrup.....	2,258
Short-term interest on non-real-estate debts.....	671,835
Electricity.....	147,488
Grazing permits.....	10,005
Irrigation.....	105,688
Telephones.....	132,835
Marketing livestock charges.....	<u>116,222</u>
Total.....	1,827,149
Repairs and operation of capital items:	
Labor for repair of motor vehicles <u>4/</u>	510,469
Insurance & license fees for motor vehicles.....	293,268
Labor for repair of other farm machinery <u>5/</u>	189,091
Labor for repair of buildings <u>6/</u>	<u>144,500</u>
Total.....	1,137,328
Expenditures for new capital items: <u>7/</u>	
Labor for new buildings <u>8/</u>	<u>374,100</u>
Grand total--all services and other nonsupply items.....	11,595,577

1/ Includes cash wages and Social Security taxes paid by employers. ("Hired labor" in Economic Research Service's data on "current farm operating" was \$2,955 million because perquisites were included.)

2/ Net rent was \$1,007 million in ERS table on "production expenses of farm operators" because of difference in handling landlords' share of total expenditures rather than depreciation on farm buildings.

3/ Estimated to represent 30 percent of total for medicines and service fees.

4/ Of "total expense for parts, tires, and labor" estimated labor expense accounted for 30 percent for automobiles, 33 percent for trucks, and 61 percent for tractors.

5/ Estimated to represent 43 percent of total for parts, tires, and labor.

6/ Estimated to represent 25 percent of total for building materials and labor.

7/ Tables by ERS on "production expenses of farm operators" include depreciation on motor vehicles, farm machinery, and buildings rather than cash expenditures for such items.

8/ Estimated to represent 25 percent of total for building materials and labor used in new construction, additions, and major improvements for farm operators' dwellings, service buildings, and other structures. Includes fences, windmills, wells, and dwellings not occupied by the farm operator.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture.
Excludes estimates of farmers cash expenditures for supplies and equipment used in farm production.

Note: Cash expenditures for farm supply and equipment items were \$14,174 million in 1960 (see table 1). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$25,770 million in 1960. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "Production expenditures," plus other minor changes, totaled \$26,242 million in 1960. See Farm Income Situation, July 1962, Economic Research Service, USDA.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1960 (Revised)

State and area	Feed, seed, and fertilizer and lime			
	Feed <u>1/</u>	Seed <u>2/</u>	Fertilizer and lime <u>3/</u>	Total
<u>Millions</u>				
North Atlantic:				
Maine.....	\$46.9	\$3.6	\$9.5	\$60.0
New Hampshire.....	18.5	.5	1.3	20.3
Vermont.....	41.0	1.3	3.2	45.5
Massachusetts.....	38.9	2.4	4.6	45.9
Rhode Island.....	4.9	.7	.9	6.5
Connecticut.....	39.2	2.7	6.0	47.9
New York.....	192.1	17.8	36.9	246.8
New Jersey.....	69.1	6.9	12.5	88.5
Pennsylvania.....	193.5	14.3	38.2	246.0
East North Central:				
Ohio.....	140.5	21.3	63.3	225.1
Indiana.....	175.8	19.1	77.3	272.2
Illinois.....	243.5	36.7	97.1	377.3
Michigan.....	72.1	14.7	39.7	126.5
Wisconsin.....	155.9	19.5	35.3	210.7
West North Central:				
Minnesota.....	197.9	27.1	40.0	265.0
Iowa.....	407.8	38.6	59.9	506.3
Missouri.....	175.9	17.1	55.9	248.9
North Dakota.....	19.7	13.5	11.9	45.1
South Dakota.....	60.0	11.1	3.7	74.8
Nebraska.....	154.4	15.5	32.4	202.3
Kansas.....	119.7	23.8	21.6	165.1
South Atlantic:				
Delaware.....	39.8	1.5	5.1	46.4
Maryland.....	66.9	4.6	16.3	87.8
Virginia.....	67.9	8.0	37.8	113.7
West Virginia.....	21.6	1.6	4.2	27.4
North Carolina.....	105.1	9.8	77.9	192.8
South Carolina.....	28.7	4.5	34.7	67.9
Georgia.....	156.3	9.7	80.9	246.9
Florida.....	71.4	12.4	72.8	156.6
South Central:				
Kentucky.....	54.9	8.4	31.4	94.7
Tennessee.....	58.1	8.9	35.7	102.7
Alabama.....	95.0	8.1	53.2	156.3
Mississippi.....	79.6	7.5	40.7	127.8
Arkansas.....	101.9	8.6	25.8	136.3
Louisiana.....	42.1	4.4	20.5	67.0
Oklahoma.....	95.2	11.7	11.0	117.9
Texas.....	287.5	32.7	51.0	371.2
Western:				
Montana.....	23.7	4.6	14.3	42.6
Idaho.....	39.4	8.2	42.9	90.5
Wyoming.....	19.4	1.2	1.5	22.1
Colorado.....	95.4	8.2	7.0	110.6
New Mexico.....	30.8	2.1	2.6	35.5
Arizona.....	41.4	3.9	13.5	58.8
Utah.....	27.7	2.2	2.5	32.4
Nevada.....	7.0	.5	.1	7.6
Washington.....	73.4	7.8	17.5	98.7
Oregon.....	55.7	6.7	13.7	76.1
California.....	<u>488.9</u>	<u>33.5</u>	<u>96.1</u>	<u>618.5</u>
United States.....	4,842.1	529.5	1,461.9	6,833.5

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1960 (Continued)

State and area	Repairs and operation of capital items				
	Building	Petroleum	Repair parts,	Repair parts	Total
	materials	fuel and	tires, and	& tires for	
	4/	oil for	batteries	other farm	
		motor	for motor	machinery	
		vehicles 5/	vehicles 6/	7/	
Thousands					
North Atlantic:					
Maine.....	\$2,118	\$6,124	\$2,209	\$1,354	\$11,805
New Hampshire.....	1,079	1,988	755	251	4,073
Vermont.....	2,153	4,603	1,468	802	9,026
Massachusetts.....	2,879	5,119	1,572	827	10,397
Rhode Island.....	508	645	243	150	1,546
Connecticut.....	2,752	3,879	1,466	677	8,774
New York.....	15,051	36,429	11,416	6,943	69,839
New Jersey.....	4,732	10,037	3,023	1,779	19,571
Pennsylvania.....	15,610	35,431	11,998	6,818	69,857
East North Central:					
Ohio.....	22,952	52,731	16,105	8,798	100,586
Indiana.....	22,107	52,325	17,027	8,948	100,407
Illinois.....	25,237	95,812	26,011	17,295	164,355
Michigan.....	18,082	40,390	13,065	7,520	79,057
Wisconsin.....	20,881	55,208	16,567	11,806	104,462
West North Central:					
Minnesota.....	21,011	80,540	21,395	15,390	138,336
Iowa.....	23,610	91,976	26,278	17,696	159,560
Missouri.....	16,522	49,365	18,626	7,119	91,632
North Dakota.....	5,699	54,954	12,516	10,026	83,195
South Dakota.....	5,917	44,928	10,779	9,074	70,698
Nebraska.....	9,743	63,379	16,627	12,132	101,881
Kansas.....	12,616	65,418	19,860	12,808	110,702
South Atlantic:					
Delaware.....	1,276	2,757	924	401	5,358
Maryland.....	6,226	11,320	3,591	1,805	22,942
Virginia.....	11,638	19,792	8,279	2,732	42,441
West Virginia.....	3,200	4,339	2,738	651	10,928
North Carolina.....	15,265	46,540	13,974	3,534	79,313
South Carolina.....	5,556	18,422	6,446	1,704	32,128
Georgia.....	8,089	31,302	11,463	2,732	53,586
Florida.....	5,024	18,029	6,774	1,805	31,632
South Central:					
Kentucky.....	11,971	22,429	11,194	3,058	48,652
Tennessee.....	10,870	21,755	11,143	3,058	46,826
Alabama.....	6,256	18,696	8,708	1,855	35,515
Mississippi.....	7,334	27,487	11,920	2,432	49,173
Arkansas.....	6,252	32,228	11,265	2,657	52,402
Louisiana.....	6,090	20,353	8,422	2,005	36,870
Oklahoma.....	7,078	31,433	12,798	5,991	57,300
Texas.....	18,152	121,047	35,973	13,610	188,782
Western:					
Montana.....	4,315	28,436	7,988	5,088	45,827
Idaho.....	3,778	21,968	7,064	4,111	36,921
Wyoming.....	1,390	8,757	2,378	1,453	13,978
Colorado.....	4,795	26,960	8,015	5,339	45,109
New Mexico.....	1,246	10,332	2,912	1,329	15,819
Arizona.....	954	12,579	3,032	1,379	17,944
Utah.....	1,946	8,764	2,600	1,128	14,438
Nevada.....	447	2,491	698	326	3,962
Washington.....	7,558	24,427	9,252	4,988	46,225
Oregon.....	5,028	20,479	7,351	3,384	36,242
California.....	20,507	80,570	27,487	13,887	142,451
United States.....	433,500	1,544,973	493,395	250,655	2,722,523

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1960 (Continued)

State and area	Miscellaneous operating supplies				
	Miscellaneous : hardware 8/	Small hand : tools	Containers	Binding : materials	Pesticides 9/
Thousands					
North Atlantic:					
Maine.....	\$368	\$133	\$4,575	\$358	\$4,493
New Hampshire.....	112	58	389	179	577
Vermont.....	423	102	283	698	967
Massachusetts.....	146	104	1,845	245	1,285
Rhode Island.....	17	11	246	23	214
Connecticut.....	126	81	1,029	224	1,225
New York.....	2,574	607	8,199	3,406	12,879
New Jersey.....	346	141	5,182	333	4,153
Pennsylvania.....	2,545	751	3,608	2,263	8,707
East North Central:					
Ohio.....	5,115	1,071	2,635	2,032	6,127
Indiana.....	5,962	928	1,372	1,525	2,965
Illinois.....	11,154	1,104	1,116	2,782	3,748
Michigan.....	3,546	829	6,343	2,656	9,198
Wisconsin.....	4,984	914	1,341	4,469	3,152
West North Central:					
Minnesota.....	10,042	1,006	1,538	3,568	3,386
Iowa.....	12,140	1,234	133	4,766	4,076
Missouri.....	6,620	1,372	733	2,801	2,608
North Dakota.....	10,339	372	1,434	1,820	2,486
South Dakota.....	8,339	385	55	2,177	2,569
Nebraska.....	9,798	653	392	2,853	2,167
Kansas.....	11,377	732	179	2,655	1,868
South Atlantic:					
Delaware.....	267	39	531	59	704
Maryland.....	813	211	1,040	449	1,834
Virginia.....	1,625	875	2,979	998	5,595
West Virginia.....	460	392	940	395	1,628
North Carolina.....	2,686	1,730	1,864	708	15,562
South Carolina.....	1,491	771	2,062	360	8,065
Georgia.....	2,473	993	1,313	707	11,833
Florida.....	583	406	12,224	287	16,148
South Central:					
Kentucky.....	2,196	1,196	409	1,395	3,818
Tennessee.....	2,221	1,273	607	1,023	2,151
Alabama.....	1,984	1,032	1,284	635	4,512
Mississippi.....	2,424	1,221	162	820	13,259
Arkansas.....	2,919	849	1,109	762	8,424
Louisiana.....	1,283	718	574	407	8,381
Oklahoma.....	5,042	705	184	1,717	3,810
Texas.....	12,264	1,842	3,026	2,354	16,044
Western:					
Montana.....	4,417	219	147	1,393	3,593
Idaho.....	1,963	254	5,767	1,428	2,504
Wyoming.....	902	72	73	612	498
Colorado.....	3,369	269	2,783	1,346	3,058
New Mexico.....	621	133	727	694	1,570
Arizona.....	629	65	6,034	1,013	8,448
Utah.....	572	150	380	621	1,290
Nevada.....	188	19	64	258	221
Washington.....	2,180	418	2,269	895	7,938
Oregon.....	1,424	346	1,866	964	6,749
California.....	3,687	843	36,063	4,263	50,713
United States.....	166,756	29,629	129,108	68,396	287,200

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1960 (Continued)

State and area	Miscellaneous operating supplies (continued)				Total
	Veterinary	Greenhouse	Dairy	Harness	
	medicines <u>10/</u>	& nursery supplies	supplies <u>11/</u>	and saddlery	
<u>Thousands</u>					
North Atlantic:					
Maine.....	\$1,555	\$214	\$379	\$21	\$12,096
New Hampshire.....	318	187	184	10	2,014
Vermont.....	682	32	919	26	4,132
Massachusetts.....	539	1,590	370	13	6,137
Rhode Island.....	81	140	58	3	793
Connecticut.....	796	1,093	386	10	4,970
New York.....	3,538	5,492	4,543	124	41,362
New Jersey.....	615	2,107	536	21	13,434
Pennsylvania.....	3,621	3,973	3,302	150	28,920
East North Central:					
Ohio.....	3,450	5,965	2,341	192	28,928
Indiana.....	4,589	1,828	1,457	137	20,763
Illinois.....	5,615	3,529	1,840	192	31,080
Michigan.....	1,775	3,206	2,276	96	29,925
Wisconsin.....	5,271	1,353	6,967	155	28,606
West North Central:					
Minnesota.....	5,170	1,497	4,336	158	30,701
Iowa.....	9,349	2,244	2,530	228	36,700
Missouri.....	4,770	1,188	1,484	280	21,856
North Dakota.....	1,100	312	670	158	18,691
South Dakota.....	2,138	139	543	161	16,506
Nebraska.....	3,076	240	789	181	20,149
Kansas.....	2,288	339	866	186	20,490
South Atlantic:					
Delaware.....	2,051	237	94	8	3,990
Maryland.....	2,688	726	720	41	8,522
Virginia.....	2,403	647	985	233	16,340
West Virginia.....	935	235	302	104	5,391
North Carolina.....	4,804	498	729	401	28,982
South Carolina.....	1,000	109	229	186	14,273
Georgia.....	8,267	219	439	192	26,436
Florida.....	984	1,384	501	72	32,589
South Central:					
Kentucky.....	1,618	318	1,014	401	12,365
Tennessee.....	1,863	455	891	378	10,862
Alabama.....	4,690	260	404	259	15,060
Mississippi.....	3,442	55	482	381	22,246
Arkansas.....	4,578	176	347	212	19,376
Louisiana.....	1,102	357	323	236	13,381
Oklahoma.....	1,158	118	548	236	13,518
Texas.....	5,378	3,016	1,140	629	45,693
Western:					
Montana.....	529	70	196	236	10,800
Idaho.....	592	123	777	135	13,543
Wyoming.....	276	23	83	135	2,674
Colorado.....	607	580	380	181	12,573
New Mexico.....	287	16	101	148	4,297
Arizona.....	274	245	208	140	17,056
Utah.....	379	80	379	83	3,934
Nevada.....	111	1	51	52	965
Washington.....	874	600	932	98	16,204
Oregon.....	775	577	529	116	13,346
California.....	<u>3,612</u>	<u>2,306</u>	<u>3,363</u>	<u>205</u>	<u>105,055</u>
United States.....	115,613	50,099	52,923	8,000	907,724

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1960 (Continued)

State and area	Cash expenditures for capital items 12/			
	Building	Tractors	Trucks	Automobiles 14/
	materials 13/			
Thousands				
North Atlantic:				
Maine.....	\$5,411	\$1,899	\$2,889	\$1,637
New Hampshire.....	2,776	705	1,135	646
Vermont.....	5,404	1,778	1,666	1,251
Massachusetts.....	7,289	1,287	2,058	1,164
Rhode Island.....	1,294	176	319	156
Connecticut.....	6,997	1,197	1,838	995
New York.....	40,544	14,794	11,094	8,862
New Jersey.....	12,401	2,638	3,493	1,766
Pennsylvania.....	41,012	15,443	11,909	10,773
East North Central:				
Ohio.....	59,482	21,836	13,605	15,377
Indiana.....	57,133	19,935	14,713	13,359
Illinois.....	62,754	30,939	18,968	16,415
Michigan.....	47,048	18,113	12,632	12,433
Wisconsin.....	51,793	25,005	15,113	14,579
West North Central:				
Minnesota.....	53,482	29,427	17,253	16,269
Iowa.....	58,537	34,978	16,647	19,529
Missouri.....	43,884	20,432	18,303	14,370
North Dakota.....	14,067	12,913	12,592	6,341
South Dakota.....	14,896	12,337	8,723	6,324
Nebraska.....	24,518	18,697	13,923	10,495
Kansas.....	32,962	18,525	20,408	11,278
South Atlantic:				
Delaware.....	3,296	881	886	571
Maryland.....	16,233	3,978	3,540	2,699
Virginia.....	30,994	8,017	9,680	7,418
West Virginia.....	8,368	2,346	4,122	2,916
North Carolina.....	40,185	15,004	15,201	14,650
South Carolina.....	15,156	5,190	6,524	6,237
Georgia.....	21,144	9,537	12,145	8,402
Florida.....	13,132	3,821	6,078	3,985
South Central:				
Kentucky.....	30,833	11,033	12,506	11,097
Tennessee.....	28,278	10,433	12,822	10,892
Alabama.....	16,580	7,207	10,581	7,224
Mississippi.....	19,652	9,007	11,929	7,784
Arkansas.....	16,932	8,947	12,206	5,537
Louisiana.....	16,408	5,678	7,868	5,206
Oklahoma.....	18,145	10,916	15,461	7,855
Texas.....	48,548	28,616	33,004	20,048
Western:				
Montana.....	10,874	6,349	8,808	3,317
Idaho.....	9,916	6,077	7,338	3,642
Wyoming.....	3,582	2,212	2,708	1,093
Colorado.....	12,534	6,834	8,632	3,793
New Mexico.....	3,188	1,829	3,383	1,326
Arizona.....	2,456	1,434	2,805	922
Utah.....	5,116	2,326	3,050	1,894
Nevada.....	1,133	565	754	281
Washington.....	19,805	6,734	10,043	5,814
Oregon.....	13,284	6,052	8,163	4,506
California.....	52,844	15,724	21,862	12,092
United States.....	1,122,300	499,801	471,380	345,220

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1960 (Continued)

	Cash expenditures for capital items (continued)		Grand total - all supplies and equipment
State and area	Other machinery & equipment	Total capital expenditures excluding labor	
	Thousands		
North Atlantic:			
Maine.....	\$6,869	\$18,705	\$102,606
New Hampshire.....	1,272	6,534	32,921
Vermont.....	4,070	14,169	72,827
Massachusetts.....	4,197	15,995	78,429
Rhode Island.....	763	2,708	11,547
Connecticut.....	3,435	14,462	76,106
New York.....	35,234	110,528	468,529
New Jersey.....	9,032	29,330	150,835
Pennsylvania.....	34,598	113,735	458,512
East North Central:			
Ohio.....	44,647	154,947	509,561
Indiana.....	45,410	150,550	543,920
Illinois.....	87,768	216,844	789,579
Michigan.....	38,160	128,386	363,868
Wisconsin.....	59,912	166,402	510,170
West North Central:			
Minnesota.....	78,101	194,532	628,569
Iowa.....	89,803	219,494	922,054
Missouri.....	36,125	133,114	495,502
North Dakota.....	50,880	96,793	243,779
South Dakota.....	46,046	88,326	250,330
Nebraska.....	61,565	129,198	453,528
Kansas.....	65,000	148,173	444,465
South Atlantic:			
Delaware.....	2,035	7,669	63,417
Maryland.....	9,159	35,609	154,873
Virginia.....	13,864	69,973	242,454
West Virginia.....	3,307	21,059	64,778
North Carolina.....	17,935	102,975	404,070
South Carolina.....	8,650	41,757	156,058
Georgia.....	13,864	65,092	392,014
Florida.....	9,158	36,174	256,995
South Central:			
Kentucky.....	15,519	80,988	236,705
Tennessee.....	15,518	77,943	238,331
Alabama.....	9,413	51,005	257,880
Mississippi.....	12,338	60,710	259,929
Arkansas.....	13,483	57,105	265,183
Louisiana.....	10,176	45,336	162,587
Oklahoma.....	30,401	82,778	271,496
Texas.....	69,070	199,286	804,961
Western:			
Montana.....	25,822	55,170	154,397
Idaho.....	20,861	47,834	188,798
Wyoming.....	7,378	16,973	55,725
Colorado.....	27,093	58,886	227,168
New Mexico.....	6,741	16,467	72,083
Arizona.....	6,996	14,613	108,413
Utah.....	5,724	18,110	68,882
Nevada.....	1,653	4,386	16,913
Washington.....	25,313	67,709	228,838
Oregon.....	17,173	49,178	174,866
California.....	70,469	172,991	1,038,997
United States.....	1,272,000	3,710,701	14,174,448

See Table 1, page 2 for source of data and footnotes.

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CASH EXPENDITURES FOR PRODUCTION SUPPLIES
AND EQUIPMENT BY FARM OPERATORS,
BY STATES, 1962 (Revised)

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U. S. DEPARTMENT OF AGRICULTURE
Farmer Cooperative Service
Purchasing Division
Farm Supplies Branch

ESTIMATES OF CASH EXPENDITURES FOR PRODUCTION SUPPLIES AND
EQUIPMENT BY FARM OPERATORS, BY STATES, 1962 (Revised)

The following tables were prepared from basic data on production expenses of farm operators developed by the Farm Income Branch, Economic Research Service, U. S. Department of Agriculture. Such production expenses were presented in preliminary form in the July 25, 1963 issue of The Farm Income Situation, and in revised form in the July 29, 1964 issue of The Farm Income Situation, FIS-195.

In preparing estimates of cash expenditures for production supplies and equipment from these data, estimates of amounts spent for labor or services and other nonsupply items used in farm production were excluded. The totals of such items for the United States are shown in table 2, and the basis for excluding specified items is included in the footnotes to tables 1 and 2.

Although estimates for some items were made from limited data, they were based on the best information currently available and should prove useful in making analyses and determining trends on a State and regional basis.

Table 1.--Estimated Cash Expenditures for Production Supplies and Equipment by Farm Operators, United States, 1962 (Revised)

Item	1962
	<u>1,000</u>
Feed, seed, fertilizer and lime:	
Feed <u>1/</u>	\$5,520,000
Seed <u>2/</u>	533,445
Fertilizer and lime <u>3/</u>	<u>1,641,330</u>
Total.....	7,694,775
Repairs and operation of capital items:	
Building materials <u>4/</u> (see expenditures for capital items below).....	475,500
Petroleum fuel and oil for motor vehicles <u>5/</u>	1,532,667
Repair parts, tires and batteries for motor vehicles <u>6/</u>	498,938
Repair parts and tires for other farm machinery <u>7/</u>	<u>239,611</u>
Total.....	2,746,716
Miscellaneous operating supplies:	
Miscellaneous hardware <u>8/</u>	158,978
Small hand tools.....	28,383
Containers.....	142,205
Binding materials.....	66,706
Pesticides <u>9/</u>	394,900
Veterinary medicines <u>10/</u>	118,478
Greenhouse and nursery supplies.....	53,504
Dairy supplies <u>11/</u>	57,180
Harness and saddlery.....	<u>8,000</u>
Total.....	<u>1,028,334</u>
Total current operating supplies and equipment.....	11,469,825
Cash expenditures for capital items: <u>12/</u>	
Building materials <u>13/</u>	1,228,890
Tractors.....	665,420
Trucks.....	455,000
Automobiles <u>14/</u>	474,950
Other farm machinery and equipment.....	<u>1,254,570</u>
Total capital items.....	<u>4,078,830</u>
Grand total--all supplies and equipment.....	15,548,655

1-14/ See page 2 for footnotes for this table.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture. Excludes estimates of farmers cash expenditures for labor or services and other nonsupply items used in farm production.

Note: Cash expenditures by farmers for services and other nonsupply items were \$12,724 million in 1962 (see table 2). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$28,273 million in 1962. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$28,340 million in 1962.

Cash receipts from farming totaled \$36,077 million in 1962. Cash expenditures for production supplies and equipment, therefore, were equivalent to 43.1 percent of cash farm receipts.

Total cash expenditures for all farm production items, including supplies and services, accounted for 78.4 percent of cash receipts from farming in 1962.

See Farm Income Situation, July 29, 1964, Economic Research Service, U.S. Department of Agriculture.

Footnotes for Table 1

1/ Includes feed grains, hay and roughage, and pasture purchased by one farmer from another farmer estimated at perhaps 10 percent of the total. Does not include feed charged to farmers at stock-yards. Definition of feed expenditures in 1959 by Census Bureau on which these were based: "Expenditures on feed purchased for livestock and poultry were to include expenditures for grain, hay, mill-feeds, pasture, salt, condiments, concentrates, and mineral supplements as well as for the grinding and mixing of feed. The estimated cost of items furnished by a landlord, contractor, or other owner for feeding poultry and livestock kept on the farm was also to be included. Payments made by tenant to his landlord for feed grown on the tenant farm were to be excluded."

2/ Includes seed transactions among farmers estimated at 10 percent of total.

3/ Includes items similar to those listed in following definition by Census Bureau in 1959 on which these estimates were based: "Fertilizer was to refer only to commercial fertilizer and fertilizing materials, including rock phosphate." No specific mention was made of basic slag. Barnyard manure, straw, refuse materials, and soil conditioners were to be excluded.

4/ Includes expenditures only on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total expenditures for repairs and maintenance of farm buildings.

5/ Includes only 40 percent of petroleum products used in farm automobiles as amount attributed to farm business use; excludes the remaining 60 percent as amount attributed to farm family living expenditures. Based on definition as used by Census Bureau in 1959: "Expenditures for gasoline and other petroleum fuel and oil were to relate only to the products used in the farm business. They exclude the cost of petroleum products used for the family automobile when operated for other than farm business purposes and of products used in the farmhouse for heating, cooking, and lighting."

6/ Includes only 40 percent of total operating costs of farm automobiles as amount attributed to farm business. Excludes labor estimated at 31 percent of repair expenses for automobiles, 34 percent for trucks, and 61 percent for tractors. Also excludes insurance and license fees. Tires, tubes, and tire repair were estimated to be 20 percent of U. S. total expenditures for repair parts, tires, tubes, tire repairs, and batteries.

7/ Excludes labor estimated at 44 percent of total repair business.

8/ Includes blacksmithing and horseshoeing expense.

9/ Pesticides do not contain about \$47 million of livestock sprays and disinfectants. These are included in veterinary medicines and supplies.

10/ Excludes veterinary fees of about 30 percent of total expenditures for veterinary services. Includes livestock sprays and disinfectants of about \$47 million.

11/ Excludes dairy equipment. It is included with "other machinery and equipment."

12/ Compiled by Farmer Cooperative Service as follows: The ratio of U. S. total farm depreciation and other capital consumption to the U. S. total gross farm capital expenditures was applied to the State data on depreciation and other capital consumption.

13/ Includes expenditures for new construction, additions, and major improvements on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing equipment; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total.

14/ Includes only 40 percent of expenditures for farm automobiles as amount attributed to farm business.

Table 2.--Estimated Cash Expenditures for Services and Other Nonsupply Production Items by Farm Operators, United States, 1962 (Revised)

Item	:	1962
	:	<u>1,000</u>
Livestock, labor, taxes, interest, and rent:		
Livestock purchased.....		\$3,141,000
Hired labor <u>1/</u>		2,562,000
Taxes on farm property.....		1,698,000
Interest on farm mortgage debt.....		758,000
Net rent to nonfarm landlords.....		<u>2/ 1,036,000</u>
Total.....		9,195,000
Miscellaneous current operating expenses:		
Fire, wind, and crop hail insurance.....		157,935
Veterinary fees <u>3/</u>		50,776
Hired hauling of milk.....		183,780
Ginning.....		253,869
Crop insurance--FCIC.....		6,150
Tolls for sugar cane and sorgho syrup.....		2,134
Short-term interest on non-real-estate debts.....		752,574
Electricity.....		161,017
Grazing permits.....		9,914
Irrigation.....		111,542
Telephones.....		144,615
Marketing livestock charges.....		<u>123,137</u>
Total.....		1,957,443
Repairs and operation of capital items:		
Labor for repair of motor vehicles <u>4/</u>		518,870
Insurance & license fees for motor vehicles.....		295,880
Labor for repair of other farm machinery <u>5/</u>		188,265
Labor for repair of buildings <u>6/</u>		<u>158,500</u>
Total.....		1,161,515
Expenditures for new capital items: <u>7/</u>		
Labor for new buildings <u>8/</u>		<u>409,630</u>
Grand total--all services and other nonsupply items.....		12,723,588

1/ Includes cash wages and Social Security taxes paid by employers. ("Hired labor" in Economic Research Service's data on "current farm operating expenses" was \$2,978 million because perquisites were included.)

2/ Net rent was \$1,033 million in ERS table on "production expenses of farm operators" because of difference in handling landlords' share of total expenditures rather than depreciation on farm buildings.

3/ Estimated to represent 30 percent of total for medicines and service fees.

4/ Of "total expense for parts, tires, and labor" estimated labor expense accounted for 31 percent for automobiles, 34 percent for trucks, and 61 percent for tractors.

5/ Estimated to represent 44 percent of total for parts, tires, and labor.

6/ Estimated to represent 25 percent of total for building materials and labor.

7/ Tables by ERS on "production expenses of farm operators" include depreciation on motor vehicles, farm machinery, and buildings rather than cash expenditures for such items.

8/ Estimated to represent 25 percent of total for building materials and labor used in new construction, additions, and major improvements for farm operator's dwellings, service buildings, and other structures. Includes fences, windmills, wells, and dwellings not occupied by the farm operator.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture.
Excludes estimates of farmers cash expenditures for supplies and equipment used in farm production.

Note: Cash expenditures for farm supply and equipment items were \$15,549 million in 1962 (see table 1). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$28,273 million in 1962. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$28,340 million in 1962. See Farm Income Situation, July 29, 1964. Economic Research Service, USDA.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1962 (Revised)

State and area	Feed, seed, and fertilizer and lime			
	Feed <u>1/</u>	Seed <u>2/</u>	Fertilizer and lime <u>3/</u>	Total
			<u>1,000</u>	
North Atlantic:				
Maine.....	\$53,919	\$2,407	\$10,122	\$66,448
New Hampshire.....	22,020	506	1,179	23,705
Vermont.....	38,141	746	3,126	42,013
Massachusetts.....	37,970	3,123	4,348	45,441
Rhode Island.....	6,504	633	889	8,026
Connecticut.....	39,030	2,666	5,946	47,642
New York.....	189,186	16,657	34,784	240,627
New Jersey.....	60,049	6,812	12,423	79,284
Pennsylvania.....	195,203	14,495	38,128	247,826
East North Central:				
Ohio.....	168,611	22,615	62,046	253,272
Indiana.....	199,703	20,211	82,617	302,531
Illinois.....	284,861	37,275	122,202	444,338
Michigan.....	77,975	15,486	40,666	134,127
Wisconsin.....	170,976	20,686	36,780	228,442
West North Central:				
Minnesota.....	229,769	27,075	42,900	299,744
Iowa.....	477,881	38,769	77,776	594,426
Missouri.....	189,850	16,638	58,521	265,009
North Dakota.....	28,388	12,780	14,015	55,183
South Dakota.....	88,696	10,063	6,780	105,539
Nebraska.....	179,562	15,332	47,796	242,690
Kansas.....	129,099	22,381	30,887	182,367
South Atlantic:				
Delaware.....	38,388	1,566	5,267	45,221
Maryland.....	73,888	5,045	17,813	96,746
Virginia.....	78,396	7,962	38,601	124,959
West Virginia.....	23,738	1,566	3,970	29,274
North Carolina.....	139,854	9,368	79,655	228,877
South Carolina.....	39,617	4,556	36,373	80,546
Georgia.....	178,059	10,079	85,234	273,372
Florida.....	81,907	11,730	76,378	170,015
South Central:				
Kentucky.....	65,861	8,371	37,995	112,227
Tennessee.....	68,517	9,127	37,139	114,783
Alabama.....	117,490	7,636	55,498	180,624
Mississippi.....	93,933	8,194	40,540	142,667
Arkansas.....	130,032	9,661	29,078	168,771
Louisiana.....	49,078	4,286	22,861	76,225
Oklahoma.....	93,929	12,499	20,300	126,728
Texas.....	299,933	34,205	74,552	408,690
Western:				
Montana.....	32,129	4,899	15,404	52,432
Idaho.....	47,854	6,660	53,908	108,422
Wyoming.....	17,392	1,257	1,381	20,030
Colorado.....	105,265	8,275	10,307	123,847
New Mexico.....	25,800	2,191	3,870	31,861
Arizona.....	68,710	4,717	15,412	88,839
Utah.....	36,104	2,393	3,526	42,023
Nevada.....	8,656	738	209	9,603
Washington.....	83,920	8,050	28,052	120,022
Oregon.....	59,019	7,024	16,242	82,285
California.....	595,138	34,034	97,834	727,006
United States.....	5,520,000	533,445	1,641,330	7,694,775

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1962 (Continued)

State and area	Miscellaneous operating supplies				
	Miscellaneous hardware <u>8/</u>	Small hand tools	Containers	Binding materials	Pesticides <u>9/</u>
			1,000		
North Atlantic:					
Maine.....	\$373	\$136	\$5,538	\$337	\$6,178
New Hampshire.....	106	48	299	156	793
Vermont.....	424	95	240	687	1,330
Massachusetts.....	147	90	1,415	214	1,767
Rhode Island.....	18	11	268	25	294
Connecticut.....	128	65	872	179	1,684
New York.....	2,587	616	10,609	2,822	17,709
New Jersey.....	335	112	5,005	243	5,710
Pennsylvania.....	2,574	739	3,629	1,642	11,972
East North Central:					
Ohio.....	4,903	1,070	2,507	1,741	8,425
Indiana.....	5,756	970	1,405	1,593	4,077
Illinois.....	10,789	1,162	1,338	2,778	5,154
Michigan.....	3,568	854	6,587	1,966	12,647
Wisconsin.....	5,121	1,024	3,102	4,293	4,334
West North Central:					
Minnesota.....	9,262	1,170	2,011	4,078	4,656
Iowa.....	11,148	1,370	209	4,821	5,604
Missouri.....	6,133	1,308	646	2,600	3,586
North Dakota.....	9,667	408	1,962	2,169	3,418
South Dakota.....	7,721	432	91	2,655	3,532
Nebraska.....	9,263	677	259	3,168	2,980
Kansas.....	10,417	808	216	2,931	2,568
South Atlantic:					
Delaware.....	269	42	509	43	968
Maryland.....	851	197	997	358	2,522
Virginia.....	1,663	739	2,934	1,179	7,693
West Virginia.....	456	323	808	329	2,238
North Carolina.....	2,458	1,539	2,320	530	21,398
South Carolina.....	1,435	593	2,465	271	11,089
Georgia.....	2,313	770	1,179	643	16,270
Florida.....	620	362	15,874	232	22,204
South Central:					
Kentucky.....	2,016	1,154	344	1,646	5,250
Tennessee.....	2,091	1,224	698	846	2,958
Alabama.....	1,808	839	1,229	461	6,204
Mississippi.....	2,459	962	258	538	18,231
Arkansas.....	3,173	693	656	747	11,583
Louisiana.....	1,343	569	678	384	11,524
Oklahoma.....	4,541	731	112	1,488	5,239
Texas.....	11,174	1,724	3,699	1,565	22,060
Western:					
Montana.....	4,507	240	185	1,624	4,940
Idaho.....	2,074	281	6,852	1,595	3,443
Wyoming.....	995	77	69	738	685
Colorado.....	3,142	269	4,120	1,465	4,205
New Mexico.....	582	129	617	556	2,159
Arizona.....	602	58	6,012	972	11,616
Utah.....	580	134	417	703	1,774
Nevada.....	222	18	150	316	304
Washington.....	2,134	416	2,634	1,042	10,915
Oregon.....	1,388	350	2,484	946	9,280
California.....	3,642	785	35,697	4,391	69,730
United States.....	158,978	28,383	142,205	66,706	394,900

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1962 (Continued)

State and area	Miscellaneous operating supplies (continued)				Total
	Veterinary medicines <u>10/</u>	Greenhouse & nursery supplies	Dairy supplies <u>11/</u>	Harness and saddlery	
			<u>1,000</u>		
North Atlantic:					
Maine.....	\$1,608	\$228	\$400	\$21	\$14,819
New Hampshire.....	306	199	240	10	2,157
Vermont.....	658	35	1,006	26	4,501
Massachusetts.....	484	1,698	440	13	6,268
Rhode Island.....	71	150	56	3	896
Connecticut.....	644	1,167	404	10	5,153
New York.....	3,406	5,865	4,644	124	48,382
New Jersey.....	556	2,250	627	21	14,859
Pennsylvania.....	3,485	4,243	3,362	150	31,796
East North Central:					
Ohio.....	3,375	6,370	2,248	192	30,831
Indiana.....	4,751	1,952	1,277	137	21,918
Illinois.....	5,989	3,769	1,892	192	33,063
Michigan.....	1,740	3,424	2,333	96	33,215
Wisconsin.....	5,132	1,444	7,052	155	31,657
West North Central:					
Minnesota.....	5,361	1,599	4,298	158	32,593
Iowa.....	9,886	2,397	2,344	228	38,007
Missouri.....	5,051	1,270	1,421	280	22,295
North Dakota.....	1,077	333	629	158	19,821
South Dakota.....	2,250	148	527	161	17,517
Nebraska.....	3,243	255	740	181	20,766
Kansas.....	2,445	362	841	186	20,774
South Atlantic:					
Delaware.....	1,952	254	79	8	4,124
Maryland.....	2,782	775	899	41	9,422
Virginia.....	2,269	691	1,069	233	18,470
West Virginia.....	813	250	238	104	5,559
North Carolina.....	5,317	532	784	401	35,279
South Carolina.....	973	116	310	186	17,438
Georgia.....	8,621	235	542	192	30,765
Florida.....	930	1,478	675	72	42,447
South Central:					
Kentucky.....	1,585	339	1,028	401	13,763
Tennessee.....	1,839	486	937	378	11,457
Alabama.....	5,159	277	485	259	16,721
Mississippi.....	3,590	58	573	381	27,050
Arkansas.....	5,422	188	333	212	23,007
Louisiana.....	1,088	381	354	236	16,557
Oklahoma.....	1,163	126	560	236	14,196
Texas.....	5,438	3,221	1,272	629	50,782
Western:					
Montana.....	480	76	181	236	12,469
Idaho.....	561	131	701	135	15,773
Wyoming.....	238	25	67	135	3,039
Colorado.....	580	620	414	181	14,996
New Mexico.....	273	18	131	148	4,613
Arizona.....	262	262	418	140	20,342
Utah.....	361	86	365	83	4,503
Nevada.....	101	1	75	52	1,239
Washington.....	874	641	1,007	98	19,761
Oregon.....	705	616	592	116	16,477
California.....	<u>3,574</u>	<u>2,463</u>	<u>6,310</u>	<u>205</u>	<u>126,797</u>
United States.....	118,478	53,504	57,180	8,000	1,028,334

see Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1962 (Continued)

State and area	Cash expenditures for capital items 12/				
	Building	Tractors	Trucks	Automobiles	
	materials 13/			14/	
					1,000
North Atlantic:					
Maine.....	\$6,099	\$2,527	\$2,788	\$2,252	
New Hampshire.....	3,065	938	1,096	889	
Vermont.....	6,014	2,368	1,609	1,722	
Massachusetts.....	8,601	1,714	1,986	1,602	
Rhode Island.....	1,435	235	308	214	
Connecticut.....	7,589	1,593	1,774	1,369	
New York.....	41,116	19,696	10,709	12,192	
New Jersey.....	14,549	3,512	3,371	2,430	
Pennsylvania.....	46,734	20,561	11,496	14,821	
East North Central:					
Ohio.....	70,428	29,072	13,131	21,154	
Indiana.....	61,961	26,540	14,202	18,379	
Illinois.....	68,282	41,191	18,309	22,584	
Michigan.....	48,743	24,115	12,192	17,105	
Wisconsin.....	56,222	33,292	14,587	20,058	
West North Central:					
Minnesota.....	53,272	39,178	16,655	22,383	
Iowa.....	58,686	46,569	16,068	26,867	
Missouri.....	50,407	27,202	17,667	19,770	
North Dakota.....	17,096	17,192	12,153	8,724	
South Dakota.....	16,144	16,425	8,420	8,700	
Nebraska.....	26,681	24,892	13,439	14,439	
Kansas.....	26,809	24,665	19,698	15,517	
South Atlantic:					
Delaware.....	3,535	1,173	855	784	
Maryland.....	18,053	5,296	3,417	3,713	
Virginia.....	37,090	10,673	9,343	10,205	
West Virginia.....	8,379	3,124	3,979	4,012	
North Carolina.....	48,074	19,977	14,674	20,155	
South Carolina.....	15,282	6,908	6,297	8,581	
Georgia.....	23,069	12,697	11,723	11,562	
Florida.....	16,148	5,088	5,866	5,483	
South Central:					
Kentucky.....	36,995	14,689	12,071	15,267	
Tennessee.....	32,352	13,891	12,377	14,985	
Alabama.....	21,335	9,596	10,214	9,939	
Mississippi.....	22,792	11,991	11,514	10,711	
Arkansas.....	19,953	11,910	11,782	7,616	
Louisiana.....	16,747	7,560	7,595	7,162	
Oklahoma.....	19,715	14,533	14,923	10,807	
Texas.....	48,587	38,099	31,857	27,582	
Western:					
Montana.....	11,963	8,452	8,502	4,563	
Idaho.....	10,723	8,091	7,084	5,011	
Wyoming.....	4,062	2,945	2,614	1,504	
Colorado.....	13,663	9,098	8,333	5,219	
New Mexico.....	3,457	2,436	3,265	1,824	
Arizona.....	2,807	1,909	2,707	1,267	
Utah.....	5,620	3,097	2,945	2,606	
Nevada.....	1,256	753	728	386	
Washington.....	21,119	8,965	9,695	7,998	
Oregon.....	15,105	8,058	7,879	6,201	
California.....	61,076	20,934	21,103	16,636	
United States.....	1,228,890	665,420	455,000	474,950	

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1962 (Continued)

State and area	Cash expenditures for		Grand total-- all supplies and equipment
	capital items (continued)		
	Other	Total capital	
	machinery & equipment	expenditures excluding labor	
		1,000	
North Atlantic:			
Maine.....	\$6,775	\$20,441	\$113,713
New Hampshire.....	1,255	7,243	37,277
Vermont.....	4,014	15,727	71,473
Massachusetts.....	4,140	18,043	80,638
Rhode Island.....	752	2,944	13,466
Connecticut.....	3,387	15,712	77,458
New York.....	34,751	118,464	476,906
New Jersey.....	8,908	32,770	147,219
Pennsylvania.....	34,124	127,736	478,872
East North Central:			
Ohio.....	44,036	177,821	566,277
Indiana.....	44,788	165,870	592,100
Illinois.....	86,565	236,931	879,504
Michigan.....	37,637	139,792	386,065
Wisconsin.....	59,090	183,249	548,729
West North Central:			
Minnesota.....	77,031	208,519	677,420
Iowa.....	88,572	236,762	1,027,515
Missouri.....	35,630	150,676	531,359
North Dakota.....	50,183	105,348	263,949
South Dakota.....	45,414	95,103	288,477
Nebraska.....	60,722	140,173	505,600
Kansas.....	64,109	150,798	460,694
South Atlantic:			
Delaware.....	2,007	8,354	63,128
Maryland.....	9,032	39,511	169,232
Virginia.....	13,675	80,986	269,012
West Virginia.....	3,262	22,756	68,523
North Carolina.....	17,690	120,570	466,846
South Carolina.....	8,532	45,600	175,633
Georgia.....	13,675	72,726	431,421
Florida.....	9,032	41,617	286,732
South Central:			
Kentucky.....	15,305	94,327	271,280
Tennessee.....	15,305	88,910	263,485
Alabama.....	9,284	60,368	294,967
Mississippi.....	12,169	69,177	289,181
Arkansas.....	13,298	64,559	309,698
Louisiana.....	10,037	49,101	178,791
Oklahoma.....	29,984	89,962	288,652
Texas.....	68,123	214,248	862,248
Western:			
Montana.....	25,468	58,948	169,853
Idaho.....	20,575	51,484	212,550
Wyoming.....	7,277	18,402	55,531
Colorado.....	26,722	63,035	247,124
New Mexico.....	6,650	17,632	69,973
Arizona.....	6,901	15,591	142,757
Utah.....	5,646	19,914	81,024
Nevada.....	1,631	4,754	19,575
Washington.....	24,966	72,743	258,999
Oregon.....	16,937	54,180	189,700
California.....	69,504	189,253	1,188,029
United States.....	1,254,570	4,078,830	15,548,655

See Table 1, page 2 for source of data and footnotes.

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CASH EXPENDITURES FOR PRODUCTION SUPPLIES
AND EQUIPMENT BY FARM OPERATORS,
BY STATES, 1961 (Revised)

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Purchasing Division
Farm Supplies Branch

September 1963

ESTIMATES OF CASH EXPENDITURES FOR PRODUCTION SUPPLIES AND EQUIPMENT BY FARM
OPERATORS, BY STATES, 1961 (Revised)

The following tables were prepared from basic data on production expenses of farm operators developed by the Farm Income Branch, Economic Research Service, U.S. Department of Agriculture. Such production expenses were presented in preliminary form in the July 26, 1962 issue of The Farm Income Situation, and in revised form in the July 25, 1963 issue of The Farm Income Situation, FIS-191.

In preparing estimates of cash expenditures for production supplies and equipment from these data, estimates of amounts spent for labor or services and other nonsupply items used in farm production were excluded. The totals of such items for the United States are shown in table 2, and the basis for excluding specified items is included in the footnotes to tables 1 and 2.

Although estimates for some items were made from limited data, they were based on the best information currently available and should prove useful in making analyses and determining trends on a State and regional basis.

Table 1.--Estimated Cash Expenditures for Production Supplies and Equipment by Farm Operators, United States, 1961 (Revised)

Item	1961
	Thousands
Feed, seed, fertilizer and lime:	
Feed <u>1</u> /.....	\$5,163,600
Seed <u>2</u> /.....	536,417
Fertilizer and lime <u>3</u> /.....	<u>1,530,886</u>
Total.....	7,230,903
Repairs and operation of capital items:	
Building materials <u>4</u> / (see expenditures for capital items below).....	456,000
Petroleum fuel and oil for motor vehicles <u>5</u> /.....	1,546,127
Repair parts, tires and batteries for motor vehicles <u>6</u> /.....	468,762
Repair parts and tires for other farm machinery <u>7</u> /.....	<u>237,949</u>
Total.....	2,708,838
Miscellaneous operating supplies:	
Miscellaneous hardware <u>8</u> /.....	160,690
Small hand tools.....	28,693
Containers.....	141,057
Binding materials.....	67,177
Pesticides <u>9</u> /.....	308,800
Veterinary medicines <u>10</u> /.....	122,525
Greenhouse and nursery supplies.....	51,552
Dairy supplies <u>11</u> /.....	55,561
Harness and saddlery.....	<u>8,000</u>
Total.....	<u>944,055</u>
Total current operating supplies and equipment.....	10,883,796
Cash expenditures for capital items: <u>12</u> /	
Building materials <u>13</u> /.....	1,176,855
Tractors.....	598,400
Trucks.....	479,750
Automobiles <u>14</u> /.....	349,770
Other farm machinery and equipment.....	<u>1,234,640</u>
Total capital items.....	<u>3,839,415</u>
Grand total - all supplies and equipment.....	14,723,211

1-14/ See page 2 for footnotes for this table.

Source of Data: Farm Income Branch, Economic Research Service, U.S. Department of Agriculture. Excludes estimates of farmers cash expenditures for labor or services and other nonsupply items used in farm production.

Note: Cash expenditures by farmers for services and other nonsupply items were \$12,124 million in 1961 (see table 2). Thus, total cash expenditures for both supply and nonsupply items by U.S. farm operators for production purposes totaled \$26,847 million in 1961. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$27,091 million in 1961.

Cash receipts from farming totaled \$34,886 million in 1961. Cash expenditures for production supplies and equipment, therefore, were equivalent to 42.2 percent of cash farm receipts.

Total cash expenditures for all farm production items, including supplies and services, accounted for 77 percent of cash receipts from farming in 1961.

See Farm Income Situation, July 25, 1963, Economic Research Service, U.S. Department of Agriculture.

Footnotes for Table 1

- 1/ Includes feed grains, hay and roughage, and pasture purchased by one farmer from another farmer estimated at perhaps 10 percent of the total. Does not include feed charged to farmers at stock-yards. Definition of feed expenditures in 1959 by Census Bureau on which these were based: "Expenditures on feed purchased for livestock and poultry were to include expenditures for grain, hay, mill-feeds, pasture, salt, condiments, concentrates, and mineral supplements as well as for the grinding and mixing of feed. The estimated cost of items furnished by a landlord, contractor, or other owner for feeding poultry and livestock kept on the farm was also to be included. Payments made by a tenant to his landlord for feed grown on the tenant farm were to be excluded."
- 2/ Includes seed transactions among farmers estimated at 10 percent of total.
- 3/ Includes items similar to those listed in following definition by Census Bureau in 1959 on which these estimates were based: "Fertilizer was to refer only to commercial fertilizer and fertilizing materials, including rock phosphate." No specific mention was made of basic slag. Barnyard manure, straw, refuse materials, and soil conditioners were to be excluded.
- 4/ Includes expenditures only on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total expenditures for repairs and maintenance of farm buildings.
- 5/ Includes only 40 percent of petroleum products used in farm automobiles as amount attributed to farm business use; excludes the remaining 60 percent as amount attributed to farm family living expenditures. Based on definition as used by Census Bureau in 1959: "Expenditures for gasoline and other petroleum fuel and oil were to relate only to the products used in the farm business. They exclude the cost of petroleum products used for the family automobile when operated for other than farm business purposes and of products used in the farmhouse for heating, cooking, and lighting."
- 6/ Includes only 40 percent of total operating costs of farm automobiles as amount attributed to farm business. Excludes labor estimated at 31 percent of repair expenses for automobiles, 34 percent for trucks, and 61 percent for tractors. Also excludes insurance and license fees. Tires, tubes, and tire repair were estimated to be 20 percent of U.S. total expenditures for repair parts, tires, tubes, tire repairs, and batteries.
- 7/ Excludes labor estimated at 43 percent of total repair business.
- 8/ Includes blacksmithing and horseshoeing expense.
- 9/ Pesticides do not contain about \$45 million of livestock sprays and disinfectants. These are included in veterinary medicines and supplies.
- 10/ Excludes veterinary fees of about 30 percent of total expenditures for veterinary services. Includes livestock sprays and disinfectants of about \$45 million.
- 11/ Excludes dairy equipment. It is included with "Other machinery and equipment."
- 12/ Compiled by Farmer Cooperative Service as follows: The ratio of U.S. total farm depreciation and other capital consumption to the U.S. total gross farm capital expenditures was applied to the State data on depreciation and other capital consumption.
- 13/ Includes expenditures for new construction, additions, and major improvements on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing equipment; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total.
- 14/ Includes only 40 percent of expenditures for farm automobiles as amount attributed to farm business.

Table 2.--Estimated Cash Expenditures for Services and Other Nonsupply Production Items by Farm Operators, United States, 1961 (Revised)

Item	1961
	Thousands
Livestock, labor, taxes, interest, and rent:	
Livestock purchased.....	\$2,766,000
Hired labor <u>1/</u>	2,574,000
Taxes on farm property.....	1,638,000
Interest on farm mortgage debt.....	680,000
Net rent to nonfarm landlords..... <u>2/</u>	<u>1,081,000</u>
Total.....	8,739,000
Miscellaneous current operating expenses:	
Fire, wind, and crop hail insurance.....	163,266
Veterinary fees <u>3/</u>	52,511
Hired hauling of milk.....	192,851
Ginning.....	240,832
Crop insurance - FCIC.....	(538)
Tolls for sugar cane and sorgho syrup.....	2,242
Short-term interest on non-real-estate debts.....	704,969
Electricity.....	156,634
Grazing permits.....	9,386
Irrigation.....	108,606
Telephones.....	141,123
Marketing livestock charges.....	<u>121,539</u>
Total.....	1,893,421
Repairs and operation of capital items:	
Labor for repair of motor vehicles <u>4/</u>	473,016
Insurance & license fees for motor vehicles.....	294,532
Labor for repair of other farm machinery <u>5/</u>	179,506
Labor for repair of buildings <u>6/</u>	<u>152,000</u>
Total.....	1,099,054
Expenditures for new capital items: <u>7/</u>	
Labor for new buildings <u>8/</u>	<u>392,285</u>
Grand total--all services and other nonsupply items.....	12,123,760

1/ Includes cash wages and Social Security taxes paid by employers. ("Hired labor" in Economic Research Service's data on "current farm operating" was \$3,019 million because perquisites were included.)

2/ Net rent was \$1,023 million in ERS table on "production expenses of farm operators" because of difference in handling landlords' share of total expenditures rather than depreciation on farm buildings.

3/ Estimated to represent 30 percent of total for medicines and service fees.

4/ Of "total expense for parts, tires, and labor" estimated labor expense accounted for 31 percent for automobiles, 34 percent for trucks, and 61 percent for tractors.

5/ Estimated to represent 43 percent of total for parts, tires, and labor.

6/ Estimated to represent 25 percent of total for building materials and labor.

7/ Tables by ERS on "production expenses of farm operators" include depreciation on motor vehicles, farm machinery, and buildings rather than cash expenditures for such items.

8/ Estimated to represent 25 percent of total for building materials and labor used in new construction, additions, and major improvements for farm operators' dwellings, service buildings, and other structures. Includes fences, windmills, wells, and dwellings not occupied by the farm operator.

Source of Data: Farm Income Branch, Economic Research Service, U.S. Department of Agriculture. Excludes estimates of farmers' cash expenditures for supplies and equipment used in farm production.

Note: Cash expenditures for farm supply and equipment items were \$14,723 million in 1961 (see table 1). Thus, total cash expenditures for both supply and nonsupply items by U.S. farm operators for production purposes totaled \$26,847 million in 1961. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "Production expenditures," plus other minor changes, totaled \$27,091 million in 1961. See Farm Income Situation, July 25, 1963. Economic Research Service, USDA.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1961 (Revised)

State and area	Feed, seed, and fertilizer and lime			
	Feed 1/	Seed 2/	Fertilizer and lime 3/	Total
<u>Millions</u>				
North Atlantic:				
Maine.....	\$48.6	\$2.6	\$9.9	\$61.1
New Hampshire.....	18.8	0.4	1.3	20.5
Vermont.....	42.7	1.0	3.4	47.1
Massachusetts.....	37.5	2.8	4.3	44.6
Rhode Island.....	4.8	0.6	0.9	6.3
Connecticut.....	37.9	3.5	5.5	46.9
New York.....	200.4	17.7	37.7	255.8
New Jersey.....	63.3	7.4	11.7	82.4
Pennsylvania.....	192.9	14.0	36.9	243.8
East North Central:				
Ohio.....	147.4	22.7	55.2	225.3
Indiana.....	184.2	20.4	75.2	279.8
Illinois.....	261.5	38.4	105.2	405.1
Michigan.....	72.0	15.6	43.2	130.8
Wisconsin.....	161.4	20.0	37.4	218.8
West North Central:				
Minnesota.....	203.6	28.4	42.0	274.0
Iowa.....	432.2	39.9	67.0	539.1
Missouri.....	190.6	17.1	56.8	264.5
North Dakota.....	21.6	13.9	13.0	48.5
South Dakota.....	64.3	10.2	5.2	79.7
Nebraska.....	171.6	14.8	49.0	235.4
Kansas.....	141.2	22.2	24.7	188.1
South Atlantic:				
Delaware.....	37.6	1.6	4.6	43.8
Maryland.....	67.9	4.7	15.6	88.2
Virginia.....	68.5	7.5	36.8	112.8
West Virginia.....	21.1	1.7	4.3	27.1
North Carolina.....	114.8	9.3	78.5	202.6
South Carolina.....	30.9	4.4	35.1	70.4
Georgia.....	160.0	8.9	85.6	254.5
Florida.....	76.7	11.0	73.7	161.4
South Central:				
Kentucky.....	59.5	8.1	31.9	99.5
Tennessee.....	59.8	8.3	35.2	103.3
Alabama.....	100.6	6.8	51.6	159.0
Mississippi.....	88.5	7.8	39.0	135.3
Arkansas.....	122.0	9.8	26.3	158.1
Louisiana.....	46.2	4.0	20.7	70.9
Oklahoma.....	105.8	11.5	13.9	131.2
Texas.....	320.1	37.0	53.6	410.7
Western:				
Montana.....	24.8	4.6	17.3	46.7
Idaho.....	42.3	8.1	59.2	109.6
Wyoming.....	20.3	1.1	1.3	22.7
Colorado.....	110.0	8.5	8.6	127.1
New Mexico.....	37.1	2.2	3.0	42.3
Arizona.....	49.0	4.2	15.2	68.4
Utah.....	30.4	2.1	3.4	35.9
Nevada.....	7.3	0.5	0.1	7.9
Washington.....	78.6	8.4	20.1	107.1
Oregon.....	58.6	7.0	15.7	81.3
California.....	526.7	33.7	95.1	655.5
United States.....	5,163.6	536.4	1,530.9	7,230.9

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1961 (Continued)

State and area	Repairs and operation of capital items				
	Building materials	Petroleum fuel and oil for motor vehicles 5/	Repair parts, tires, and batteries for motor vehicles 6/	Repair parts & tires for other farm machinery 7/	Total
	4/				
					Thousands
North Atlantic:					
Maine.....	\$2,174	\$6,146	\$2,136	\$1,285	\$11,741
New Hampshire.....	1,114	1,996	739	238	4,087
Vermont.....	2,135	4,611	1,410	762	8,918
Massachusetts.....	3,151	5,142	1,520	785	10,598
Rhode Island.....	552	649	234	142	1,577
Connecticut.....	2,965	3,898	1,411	642	8,916
New York.....	14,683	36,479	10,871	6,591	68,624
New Jersey.....	5,232	10,066	2,893	1,690	19,881
Pennsylvania.....	15,919	35,478	11,465	6,472	69,334
East North Central:					
Ohio.....	26,072	52,779	15,302	8,352	102,505
Indiana.....	22,534	52,274	16,135	8,495	99,438
Illinois.....	27,350	95,576	24,415	16,418	163,759
Michigan.....	18,893	40,350	12,484	7,139	78,866
Wisconsin.....	22,010	55,156	15,766	11,207	104,139
West North Central:					
Minnesota.....	21,769	80,411	20,210	14,610	137,000
Iowa.....	22,194	91,699	24,611	16,799	155,303
Missouri.....	17,937	49,247	17,744	6,758	91,686
North Dakota.....	6,989	54,932	11,872	9,518	83,311
South Dakota.....	6,065	44,876	10,147	8,614	69,702
Nebraska.....	10,031	63,461	15,687	11,517	100,696
Kansas.....	9,884	65,382	18,882	12,159	106,307
South Atlantic:					
Delaware.....	1,329	2,757	877	381	5,344
Maryland.....	6,627	11,334	3,420	1,713	23,094
Virginia.....	12,590	19,839	7,976	2,594	42,999
West Virginia.....	3,064	4,354	2,688	618	10,724
North Carolina.....	17,091	46,713	13,455	3,355	80,614
South Carolina.....	5,726	18,466	6,174	1,618	31,984
Georgia.....	8,427	31,348	10,951	2,594	53,320
Florida.....	5,590	18,106	6,404	1,713	31,813
South Central:					
Kentucky.....	13,238	22,495	10,779	2,903	49,415
Tennessee.....	12,610	21,806	10,744	2,903	48,063
Alabama.....	7,219	18,764	8,396	1,760	36,139
Mississippi.....	8,137	27,558	11,338	2,308	49,341
Arkansas.....	6,247	32,353	10,721	2,522	51,843
Louisiana.....	5,626	20,408	7,980	1,904	35,918
Oklahoma.....	7,817	31,474	12,282	5,687	57,260
Texas.....	18,581	121,353	34,018	12,921	186,873
Western:					
Montana.....	4,495	28,503	7,597	4,830	45,425
Idaho.....	3,947	21,997	6,712	3,902	36,558
Wyoming.....	1,502	8,765	2,267	1,380	13,914
Colorado.....	5,018	26,974	7,624	5,069	44,685
New Mexico.....	1,276	10,369	2,780	1,261	15,686
Arizona.....	1,037	12,616	2,853	1,309	17,815
Utah.....	2,092	8,794	2,497	1,071	14,454
Nevada.....	466	2,499	663	310	3,938
Washington.....	8,081	24,528	8,831	4,735	46,175
Oregon.....	5,583	20,540	7,022	3,213	36,358
California.....	22,931	80,806	25,779	13,182	142,698
United States.....	456,000	1,546,127	468,762	237,949	2,708,838

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1961 (Continued)

State and area	Miscellaneous operating supplies				
	Miscellaneous : hardware <u>8/</u> :	Small : hand : tools :	Containers :	Binding : materials :	Pesticides <u>9/</u> :
Thousands					
North Atlantic:					
Maine.....	\$362	\$128	\$5,730	\$362	\$4,831
New Hampshire.....	109	57	505	160	620
Vermont.....	425	99	269	747	1,040
Massachusetts.....	144	101	2,004	239	1,382
Rhode Island.....	17	10	302	26	230
Connecticut.....	126	78	1,171	200	1,317
New York.....	2,579	588	9,143	3,677	13,848
New Jersey.....	338	137	5,301	301	4,465
Pennsylvania.....	2,594	728	4,120	2,576	9,362
East North Central:					
Ohio.....	4,817	1,037	2,690	2,080	6,588
Indiana.....	5,660	898	1,325	1,686	3,188
Illinois.....	10,607	1,069	1,172	2,790	4,030
Michigan.....	3,618	803	7,480	1,926	9,890
Wisconsin.....	5,066	885	1,485	3,784	3,389
West North Central:					
Minnesota.....	10,056	974	1,837	3,942	3,641
Iowa.....	11,153	1,196	176	4,339	4,383
Missouri.....	6,210	1,329	857	3,066	2,804
North Dakota.....	9,055	361	1,785	1,509	2,673
South Dakota.....	7,637	373	60	1,627	2,762
Nebraska.....	9,170	632	459	2,727	2,330
Kansas.....	10,700	709	185	2,732	2,008
South Atlantic:					
Delaware.....	268	38	608	57	757
Maryland.....	828	205	1,137	498	1,972
Virginia.....	1,679	847	3,204	1,206	6,016
West Virginia.....	457	379	1,049	367	1,750
North Carolina.....	2,646	1,676	1,977	643	16,732
South Carolina.....	1,538	746	2,515	322	8,672
Georgia.....	2,457	962	1,397	721	12,723
Florida.....	588	394	13,143	248	17,362
South Central:					
Kentucky.....	2,018	1,158	371	1,591	4,105
Tennessee.....	2,182	1,233	668	1,078	2,313
Alabama.....	1,902	999	1,465	532	4,851
Mississippi.....	2,508	1,182	169	658	14,256
Arkansas.....	3,086	822	956	923	9,058
Louisiana.....	1,291	695	631	463	9,011
Oklahoma.....	5,060	683	126	1,423	4,097
Texas.....	11,838	1,783	3,030	1,745	17,251
Western:					
Montana.....	4,099	212	174	1,233	3,863
Idaho.....	2,057	246	7,221	1,538	2,692
Wyoming.....	939	70	87	725	535
Colorado.....	3,360	260	3,399	1,435	3,288
New Mexico.....	626	129	723	527	1,688
Arizona.....	634	63	6,004	1,127	9,083
Utah.....	557	145	389	663	1,387
Nevada.....	182	18	63	265	238
Washington.....	2,301	405	2,511	1,085	8,535
Oregon.....	1,478	335	2,049	966	7,257
California.....	3,668	816	37,935	4,642	54,527
United States.....	160,690	28,693	141,057	67,177	308,800

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1961 (Continued)

State and area	Miscellaneous operating supplies (continued)				Total
	Veterinary	Greenhouse	Dairy	Harness and	
	medicines <u>10/</u>	& nursery supplies	supplies <u>11/</u>	saddlery	
<u>Thousands</u>					
North Atlantic:					
Maine.....	\$1,622	\$218	\$389	\$21	\$13,663
New Hampshire.....	311	192	195	10	2,159
Vermont.....	678	33	968	26	4,285
Massachusetts.....	498	1,636	390	13	6,407
Rhode Island.....	75	144	60	3	867
Connecticut.....	735	1,125	403	10	5,165
New York.....	3,497	5,653	4,821	124	43,930
New Jersey.....	592	2,168	543	21	13,866
Pennsylvania.....	3,604	4,088	3,497	150	30,719
East North Central:					
Ohio.....	3,477	6,139	2,580	192	29,600
Indiana.....	4,843	1,880	1,510	137	21,127
Illinois.....	6,152	3,632	1,893	192	31,537
Michigan.....	1,788	3,301	2,391	96	31,293
Wisconsin.....	5,359	1,391	7,234	155	28,748
West North Central:					
Minnesota.....	5,597	1,541	4,550	158	32,296
Iowa.....	10,061	2,308	2,675	228	36,519
Missouri.....	5,277	1,223	1,555	280	22,601
North Dakota.....	1,158	319	692	158	17,710
South Dakota.....	2,324	142	577	161	15,663
Nebraska.....	3,359	247	815	181	19,920
Kansas.....	2,448	349	906	186	20,223
South Atlantic:					
Delaware.....	1,987	245	97	8	4,065
Maryland.....	2,745	746	741	41	8,913
Virginia.....	2,355	665	1,029	233	17,234
West Virginia.....	881	241	305	104	5,533
North Carolina.....	5,435	514	770	401	30,794
South Carolina.....	1,061	112	249	186	15,401
Georgia.....	8,809	225	462	192	27,948
Florida.....	1,025	1,424	510	72	34,766
South Central:					
Kentucky.....	1,658	327	1,095	401	12,724
Tennessee.....	1,866	468	996	378	11,182
Alabama.....	5,135	267	416	259	15,826
Mississippi.....	3,835	56	502	381	23,547
Arkansas.....	5,596	181	367	212	21,201
Louisiana.....	1,194	367	348	236	14,236
Oklahoma.....	1,200	121	587	236	13,533
Texas.....	5,792	3,105	1,190	629	46,363
Western:					
Montana.....	514	73	196	236	10,600
Idaho.....	587	127	797	135	15,400
Wyoming.....	261	24	84	135	2,860
Colorado.....	599	597	380	181	13,499
New Mexico.....	281	18	110	148	4,250
Arizona.....	272	252	209	140	17,784
Utah.....	395	84	391	83	4,094
Nevada.....	108	1	50	52	977
Washington.....	882	616	979	98	17,412
Oregon.....	763	594	534	116	14,092
California.....	<u>3,834</u>	<u>2,373</u>	<u>3,523</u>	<u>205</u>	<u>111,523</u>
United States.....	122,525	51,552	55,561	8,000	944,055

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1961 (Continued)

State and area	Cash expenditures for capital items 12/			
	Building	Tractors	Trucks	Automobiles 14/
	materials 13/			
Thousands				
North Atlantic:				
Maine.....	\$5,536	\$2,273	\$2,940	\$1,658
New Hampshire.....	2,847	844	1,155	654
Vermont.....	5,323	2,129	1,696	1,267
Massachusetts.....	7,950	1,542	2,094	1,180
Rhode Island.....	1,390	211	325	158
Connecticut.....	7,517	1,432	1,870	1,008
New York.....	39,446	17,713	11,291	8,979
New Jersey.....	13,673	3,158	3,555	1,790
Pennsylvania.....	41,691	18,490	12,121	10,915
East North Central:				
Ohio.....	67,372	26,144	13,845	15,580
Indiana.....	58,081	23,866	14,974	13,535
Illinois.....	67,788	37,042	19,305	16,631
Michigan.....	48,999	21,687	12,855	12,596
Wisconsin.....	54,415	29,938	15,382	14,772
West North Central:				
Minnesota.....	55,246	35,233	17,561	16,484
Iowa.....	54,848	41,878	16,941	19,786
Missouri.....	47,496	24,462	18,628	14,558
North Dakota.....	17,194	15,461	12,814	6,424
South Dakota.....	15,218	14,771	8,878	6,407
Nebraska.....	25,166	22,386	14,170	10,634
Kansas.....	25,751	22,180	20,770	11,427
South Atlantic:				
Delaware.....	3,424	1,055	902	578
Maryland.....	17,233	4,764	3,602	2,735
Virginia.....	33,436	9,598	9,852	7,515
West Virginia.....	7,987	2,809	4,195	2,955
North Carolina.....	44,858	17,963	15,472	14,842
South Carolina.....	15,580	6,214	6,641	6,319
Georgia.....	21,962	11,418	12,360	8,514
Florida.....	14,560	4,575	6,185	4,038
South Central:				
Kentucky.....	33,992	13,209	12,728	11,243
Tennessee.....	32,706	12,492	13,050	11,035
Alabama.....	19,084	8,629	10,770	7,319
Mississippi.....	21,739	10,783	12,141	7,888
Arkansas.....	16,857	10,710	12,423	5,610
Louisiana.....	15,113	6,799	8,008	5,275
Oklahoma.....	19,976	13,070	15,735	7,959
Texas.....	49,535	34,262	33,590	20,312
Western:				
Montana.....	11,292	7,602	8,964	3,361
Idaho.....	10,340	7,276	7,469	3,690
Wyoming.....	3,848	2,649	2,757	1,108
Colorado.....	13,066	8,181	8,785	3,844
New Mexico.....	3,265	2,190	3,443	1,344
Arizona.....	2,672	1,717	2,855	933
Utah.....	5,481	2,785	3,104	1,919
Nevada.....	1,177	677	768	284
Washington.....	21,112	8,061	10,222	5,890
Oregon.....	14,711	7,246	8,308	4,566
California.....	58,902	18,826	22,251	12,251
United States.....	1,176,855	598,400	479,750	349,770

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1961 (Continued)

	Cash expenditures for capital items (continued)		
State and area	Other machinery & equipment	Total capital expenditures excluding labor	Grand total-- all supplies and equipment
		Thousands	
North Atlantic:			
Maine.....	\$6,667	\$19,074	\$105,553
New Hampshire.....	1,235	6,735	33,424
Vermont.....	3,950	14,365	74,678
Massachusetts.....	4,075	16,841	78,468
Rhode Island.....	741	2,825	11,562
Connecticut.....	3,333	15,160	76,162
New York.....	34,199	111,628	480,016
New Jersey.....	8,766	30,942	147,112
Pennsylvania.....	33,582	116,799	460,654
East North Central:			
Ohio.....	43,336	166,277	523,707
Indiana.....	44,076	154,532	554,870
Illinois.....	85,190	225,956	826,309
Michigan.....	37,039	133,176	374,152
Wisconsin.....	58,152	172,659	524,335
West North Central:			
Minnesota.....	75,807	200,331	643,594
Iowa.....	87,165	220,618	951,555
Missouri.....	35,064	140,208	519,007
North Dakota.....	49,386	101,279	250,857
South Dakota.....	44,694	89,968	254,994
Nebraska.....	59,757	132,113	488,104
Kansas.....	63,090	143,218	457,842
South Atlantic:			
Delaware.....	1,975	7,934	61,186
Maryland.....	8,889	37,223	157,471
Virginia.....	13,458	73,859	246,888
West Virginia.....	3,210	21,156	64,546
North Carolina.....	17,408	110,543	424,520
South Carolina.....	8,396	43,150	160,941
Georgia.....	13,458	67,712	403,454
Florida.....	8,889	38,247	266,182
South Central:			
Kentucky.....	15,062	86,234	247,878
Tennessee.....	15,062	84,345	246,864
Alabama.....	9,137	54,939	265,863
Mississippi.....	11,976	64,527	272,763
Arkansas.....	13,087	58,687	289,820
Louisiana.....	9,877	45,072	166,163
Oklahoma.....	29,508	86,248	288,250
Texas.....	67,041	204,740	848,653
Western:			
Montana.....	25,064	56,283	158,967
Idaho.....	20,248	49,023	210,628
Wyoming.....	7,161	17,523	56,998
Colorado.....	26,298	60,174	245,414
New Mexico.....	6,544	16,786	79,021
Arizona.....	6,791	14,968	118,982
Utah.....	5,556	18,845	73,323
Nevada.....	1,605	4,511	17,339
Washington.....	24,569	69,854	240,513
Oregon.....	16,668	51,499	183,287
California.....	68,399	180,629	1,090,342
United States.....	1,234,640	3,839,415	14,723,211

See Table 1, page 2 for source of data and footnotes.